



# City of Loma Linda Official Report

Floyd Petersen, Mayor  
Stan Brauer, Mayor pro tempore  
Robert Christman, Councilmember  
Robert Ziprick, Councilmember  
Charles Umeda, Councilmember

COUNCIL AGENDA: April 13, 2006  
TO: City Council  
VIA: Dennis R. Halloway, City Manager  
FROM: Michael Norris, Fire Chief  
SUBJECT: Fire Station 2 Proposal

## **RECOMMENDATION**

Fire Department Staff respectfully recommends that the City Council allow staff to:

1. Establish a budget for a temporary fire station in North Loma Linda (see Attachment A)
2. Begin renovation of the city owned house at 26251 Redlands Blvd (Attachment B)
3. Proceed with the site improvements associated with the station (Attachment A)
4. Purchase needed supplies to outfit the station (Attachment C)
5. Staff the station with existing personnel transferred from Station 1.

## **BACKGROUND**

The City Fire Department is facing increasing challenges to effectively and efficiently respond to the north end of the City. Continued development, heavier traffic, and the possibility of a disaster response are all adding to this challenge.

## **ANALYSIS**

There are several reasons to consider Station 2:

1. Responses to the north end of town are out of compliance with the general plan requirements of arrival on scene in 5 minutes on 80% of all emergency responses. (Attachment D)
2. Continued development will add to the number of calls in the north end of town.
3. Continued development will increase traffic congestion, adding to impedance of emergency vehicles.

(Continued on Page 2)

4. For disaster preparation issues – all of LLFD's equipment and staffing is under one roof. Should Station 251 suffer damage significant enough to close or collapse the engine bay, the department will have no means to respond. By having an additional station, LLFD will increase its chances of a response under those conditions. Additionally, under current circumstances, should the City suffer road closures for any reason on one or more of the north-south thoroughfares, the Department's ability to respond will be decreased or possibly nil.
5. The overpass on Mountain View Avenue is due for upgrading. It is likely that during the upgrade there will be additional congestion in that area due to construction, slowing response times.
6. The city will be proactive in its approach to providing emergency services, noting that the services are in place in a timely fashion, and prior to suffering any catastrophic losses due to extended ETA's and failure to address these issues prior to them occurring.
7. Developers can be assessed for the permanent station as their projects progress.
8. The recommended budget includes renovating the house, erecting a "Butler" type building for the engine bay, site improvements, a traffic light, furnishings and equipment.

### **ENVIRONMENTAL**

Environmental impacts have been addressed in the proposed specific plans.

### **FINANCIAL IMPACT**

Please see attached documents for details of costs.

1. Site and Building improvements -	\$478,390
2. Equipment and Supplies	<u>\$21,500</u>
Total for Estimate	\$499,890

The engine bay, furnishings and equipment can be utilized by the City for future use after a permanent station is built. The home has historical value to the City and will eventually be moved to Mission Lane.

For the time being there will be no additional costs for staff as one 3-person company will be relocated from Station 251 to staff the new fire station. Considerations for additional staff will be periodically assessed by analyzing call loading, location of calls, and response times.

## City of Loma Linda

### Redlands Blvd Temporary Fire Station

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	Mobilization, Clearing and Grubbing	L.S.	1	\$5,000	\$5,000
2	Aggregate Base	TON	370	\$50	\$18,500
3	Asphalt Concrete	TON	270	\$100	\$27,000
4	Garage Bldg	L.S.	1	\$40,000	\$40,000
5	House Renovation	L.S.	1	\$200,000	\$200,000
6	Fence, chain link	L.F.	400	\$40	\$16,000
7	Fence, wrought iron	L.F.	80	\$80	\$6,400
8	Gate	EA.	1	\$4,000	\$4,000
9	Landscaping	L.S.	1	\$5,000	\$5,000
10	Tree Removal	EA.	5	\$400	\$2,000
11	Septic tank protection	L.S.	1	\$3,000	\$3,000
12	Install Fire Hydrant	EA.	1	\$5,000	\$5,000
13	Install Traffic Signal	L.S.	1	\$100,000	\$100,000
13	Install LLCCP	L.S.	1	\$3,000	\$3,000

TOTAL \$434,900

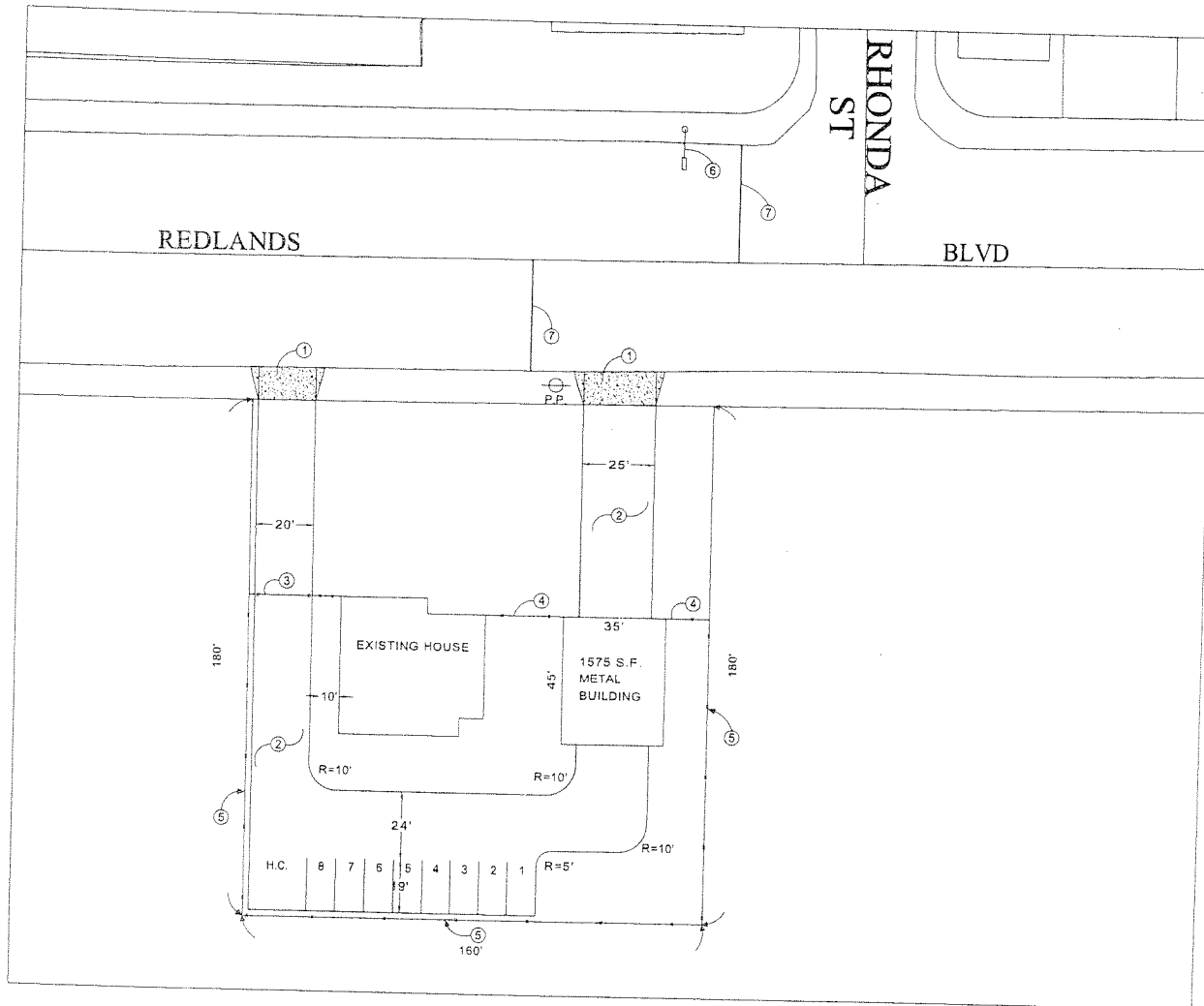
Contingency 10% \$43,490

GRAND TOTAL \$478,390

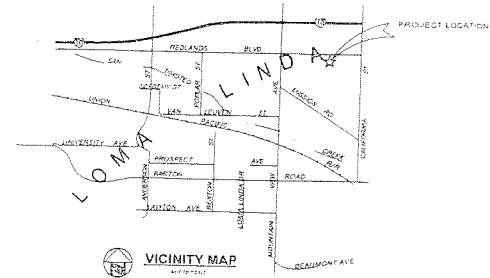
Estimates provided by Public Works and Information Technology

**Attachment "A"**

Rodent Abatement  
Fumigation/Tent  
Tree Removal (rats)  
Front Door  
Carpet/1,750 sq ft  
Range Top  
Oven  
Linoleum/Kitchen  
Mini-Blinds  
50-gallon Water Heater and Closet  
Drywall Acoustical Ceiling  
Plumbing Repairs  
Asbestos Testing and/or Abate  
Window AC/Heater units (4)  
Lead Paint Abatement  
Paint - inside and out  
Screen Windows  
Smoke/CO Protection (detectors)



SCALE: 1" = 20'

**CONSTRUCTION NOTES:**

- ① CONSTRUCT COMMERCIAL DRIVEWAY PER CITY STD R-4.1
- ② PLACE 4" ASPHALT CONCRETE OVER 6" AGGREGATE BASE
- ③ CONSTRUCT 20' WIDE, 6' HIGH WROUGHT IRON ROLLING GATE
- ④ CONSTRUCT 6' HIGH WROUGHT IRON FENCE
- ⑤ CONSTRUCT 6' HIGH CHAIN LINK FENCE
- ⑥ INSTALL TRAFFIC SIGNAL
- ⑦ INSTALL 4" WIDE WHITE STOP BAR

	Designed by <b>T.J.E.</b>	Drawn by <b>A.M.B.</b>	Checked by <b>P.C.E.</b>	BENCH MARK APPROVED DIRECTOR OF PUBLIC WORKS	DATE
PLANS PREPARED UNDER THE SUPERVISION OF <b>P.C.E.</b>				REVISIONS DATE BY	SHEET 1 OF 1

**CITY OF LOMA LINDA**  
**FIRE STATION NO. 2**  
 26251 REDLANDS BLVD.

## Station 252 Inventory Needs/Costs

Item(s)	Brand/Store	Price
Clothes Washer/Dryer High Efficiency	Costco	2000
Conventional Washer/Dryer	Costco	800
20 cf refrigerator	Costco	575
Vacuum Cleaner	Costco	400
Blinds	Home Depot	700
Dishwasher	Costco	600
Fire Extinguishers(2)	Costco	50
BBQ	Costco	375
Microwave	Costco	200
Toaster	Costco	35
Blender	Costco	35
Pots/Pans	Costco	250
Silverware/utensils	Costco	140
Kitchen storage containers	Costco	25
Glasses	Costco	20
Gas Stove/Oven	Costco	900
Coffee maker	Murray	250
1st aid cabinet	Lab Safety	210
Mats	Gorm	200
Lounge Chairs	Lazy Boy	1700
Stepladder	Costco	60
ShopVac	Costco	125
Floorjack	Costco	110
Bin racks	Costco	110
Gorilla Shelves	Costco	140
Creeper	Napa	150
Toolbox w tools	Sears	700
Hose rack	LN Cutis	500
Brooms	Gorm	65
Dustpan	Gorm	12
Mops/Bucket	Gorm	120
Trash cans	Home Depot	60
Flammable Cabinet	Lab Safety	600
Hand Truck	Costco	50
Oxygen Rack	Lab Safety	200
Workbench	Home Depot	150
Shoplights	Home Depot	300
Drop light	Sears	20
Kitchen table /4 chairs	Lazy Boy	400
Outside table/4 chairs	Lowe's	90
Television 36"	Best buy	1000
DVD/VCR	Costco	150
TV Stand	Best buy	200
Extension Cord reels	Home Depot	140
File Cabinets	Costco	200
Reverse Osmosis System	Costco	200
4 twin bed sets	Redlands mattress	1800
Nightstands (4)	Lazy Boy	200
5 personnel lockers	Home Depot	3200
Lawn Mower/Blower/Weedeater	Home Depot	600
Smoke/CO Detectors	Home Depot	300
	Total	21417

Notes: total is an estimate only based on phonecalls, internet searches, and window shopping

City of Loma Linda

Fire Station 2 Proposal – April 13, 2006

Attachment D

The response areas that are not in compliance include all response areas on the freeway and the associated on and off ramps, and areas 003, 004, 005, 006, and 701 (see attached map 2).

The general plan calls for a 5 minute response, 80% of the time. Compliance is as follows:

- LOM 003 – 33.9% (64 of calls are > 5 minutes and < 7 minutes)
- LOM 004 – 36.6% (63% of calls are > 5 minutes and < 7 minutes)
- LOM 005 – 41% (48% of calls are >5 minutes and <7 minutes)
- LOM 006 – 39.7% (39.7% of calls are >5 minutes and <7 minutes)
- LOM 701 – 27.7% (22.3% of calls are >5 minutes and <8 minutes)
- Freeway responses are anywhere between 5 and 10 minutes and virtually all out of compliance.

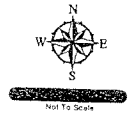
Although compliance with the general plan is important, there is a need to review some basic facts:

- Brain damage starts in 3-4 minutes,
- Flashover from fires occurs in 5-7 minutes,
- Fires double in size every unabated minute,
- Every minute someone is in cardiac arrest they are subject to a 10% decrease in survivability.

These parameters are the crux of the matter and efficiency as a fire department and EMS provider is directly related to two things: the ability to place enough trained staff on scene in the least amount of time possible in order to properly mitigate the incident.

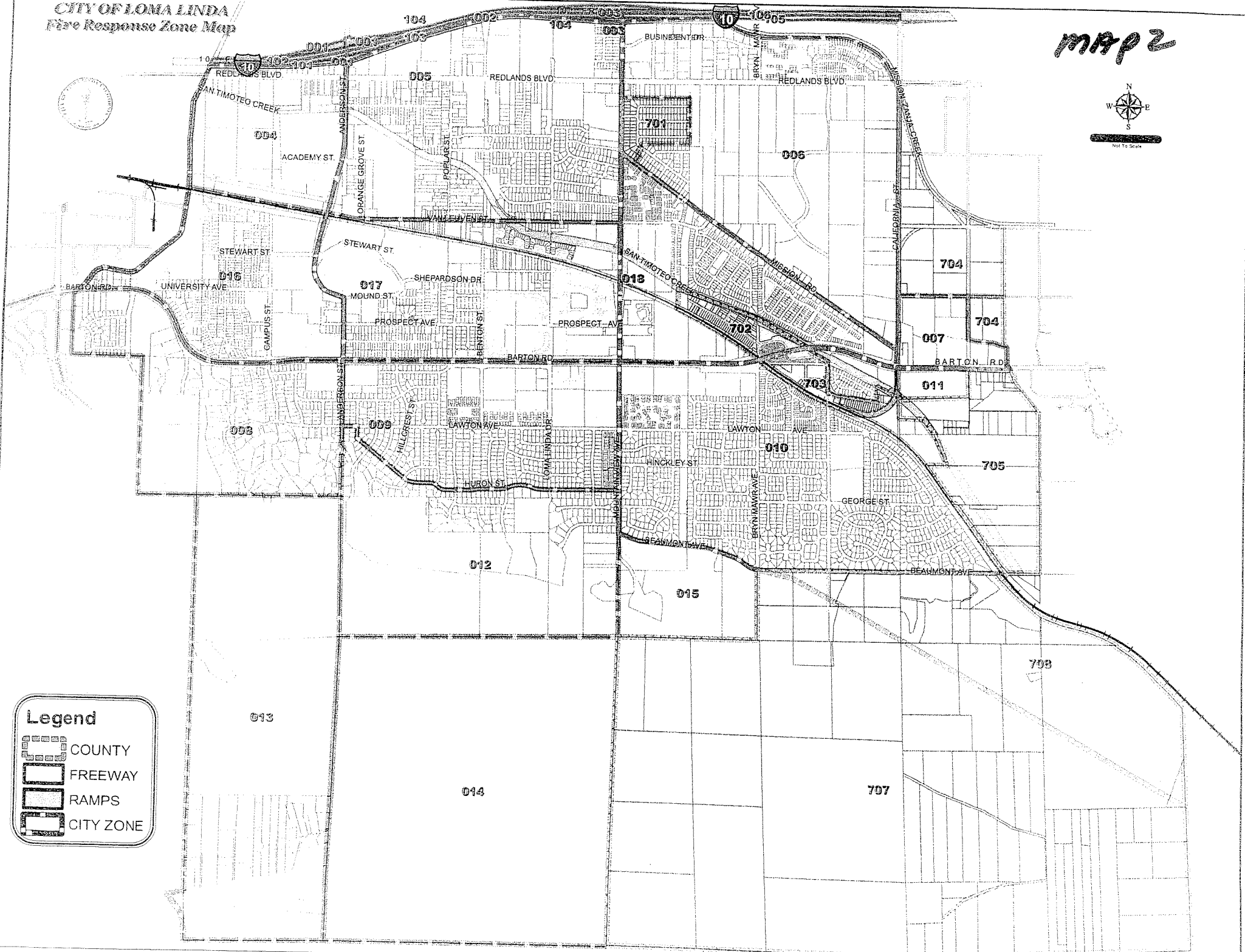
**CITY OF LOMA LINDA**  
Fire Response Zone Map

*MAP 2*



**Legend**

- COUNTY
- FREEWAY
- RAMPS
- CITY ZONE





**RESPONSE AREA STATISTICS 2005  
NORTH LOMA LINDA  
(STATION 252 RESPONSES)**

<u>RESPONSE AREA</u>	<u>AREA</u>	<u># OF CALLS</u>
101 to 106 and 001 to 006	FREEWAY	91
004	NW LOMA LINDA	74
005	NORTH CENTRAL LOMA LINDA	422
006	NE LOMA LINDA	146
701	RICHARDSON TRACT	18
702	NW BRYN MAWR	6
017	CENTRAL LOMA LINDA	161
	north of RxR tracks	
018	EAST CENTRAL LOMA LINDA	56
	north of RxR tracks	
Out of City	AUTOMATIC AID TO REDLANDS, SAN BERNARDINO, COLTON	96
<b>TOTAL</b>		<b>1070</b>
<b>TOTAL LLFD RESPONSES 2005</b>		<b>2855</b>
<b>% OF NORTH LOMA LINDA CALLS</b>		<b>37.48%</b>